

ATTACHMENT J9

Cheyenne MAP (ANG) Water Distribution System

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J9 Cheyenne MAP (ANG) Water Distribution System

J9.1 Cheyenne MAP (ANG) Overview

The 153rd Airlift Wing (AW) of the Wyoming Air National Guard occupies approximately 77 acres of leased land on the City of Cheyenne Municipal Airport (MAP), located two miles north of downtown Cheyenne, Wyoming. The mission of the 153rd AW is to deliver troops and cargo, provide aeromedical evacuation, and to airlift passengers and cargo when required. The unit currently flies the C-130H3 Lockheed "Hercules" transport plane. The 153rd AW occupies five administrative and 18 industrial buildings totaling approximately 351,000 square feet with 180 full-time personnel. A unit training drill is conducted once a month and results in a surge of up to a total of 1200 personnel.

J9.2 Water Distribution System Description

J9.2.1 Water Distribution System Fixed Equipment Inventory

The Cheyenne MAP (ANG) water distribution system consists of all appurtenances physically connected to the distribution system from the point in which the distribution system enters the Installation and Government ownership currently starts to the point of demarcation, defined by the Right of Way. The system may include, but is not limited to, pipelines, valves and fire hydrants. The actual inventory of items sold will be in the bill of sale at the time the system is transferred. The following description and inventory is included to provide the Contractor with a general understanding of the size and configuration of the distribution system. The Government makes no representation that the inventory is accurate. The Contractor shall base its proposal on site inspections, information in the technical library, other pertinent information, and to a lesser degree the following description and inventory. Under no circumstances shall the Contractor be entitled to any service charge adjustments based on the accuracy of the following description and inventory.

Specifically excluded from the water distribution system privatization are:

- Lawn sprinkler systems
- Fire suppression systems
- Meters owned by City of Cheyenne, Board of Public Utilities

J9.2.1.1 Description

Water is supplied by the City of Cheyenne, Board of Public Utilities and enters the base at ten points. The configuration is predominantly a looped system with some dead-end branches with water delivered at 100 psig. The distribution system consists of approximately 8,900 linear feet of ductile iron pipe. Piping diameters range from 1.5 inch to 12 inches. Piping is buried at an average depth of five feet without the use of tracer wire or marking tape. The system also has 21 cast iron gate valves

and eight fire hydrant assemblies. Base personnel indicate the capacity of the current system is adequate for present and future needs.

J9.2.1.2 Inventory

Table 1 provides a general listing of the major water distribution system fixed assets for the Cheyenne MAP (ANG) water distribution system included in the sale.

TABLE 1
Fixed Inventory
Water Distribution System Cheyenne MAP (ANG)

Item	Size	Quantity	Unit	Approximate Year of Construction
Ductile Iron Pipe	(in)			
	1.5	240	LF	1985
	1.5	70	LF	1987
	2	90	LF	1977
	3	115	LF	1945
	4	160	LF	1971
	6	595	LF	1950
	6	90	LF	1968
	6	180	LF	1982
	6	185	LF	1994
	8	1810	LF	1987
	8	1025	LF	1994
	12	400	LF	1945
	12	3675	LF	1987
	12	235	LF	1991
Cast Iron Gate Valve s	(in)			
	1.5	1	EA	1985
	1.5	1	EA	1987
	2	1	EA	1977
	3	1	EA	1945
	4	1	EA	1971
	6	1	EA	1968
	6	2	EA	1950
	6	1	EA	1982
	6	1	EA	1994

Item	Size	Quantity	Unit	Approximate Year of Construction
	8	2	EA	1987
	8	3	EA	1994
	12	1	EA	1945
	12	5	EA	1987
Fire Hydrant Assemblies	(in)			
	6	6	EA	1988
	6	1	EA	1989
	6	1	EA	2000
Notes:				
EA = Each				
IN=Inches				
LF = Linear Feet				

J9.2.2 Water Distribution System Non-Fixed Equipment and Specialized Tools

Table 2 lists other ancillary equipment (spare parts) and Table 3 lists specialized vehicles and tools included in the purchase. Offerors shall field verify all equipment, vehicles, and tools prior to submitting a bid. Offerors shall make their own determination of the adequacy of all equipment, vehicles, and tools.

TABLE 2
Spare Parts
Water Distribution System Cheyenne MAP (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3
Specialized Vehicles and Tools
Water Distribution System Cheyenne MAP (ANG)

Description	Quantity	Location	Maker
None			

J9.2.3 Water Distribution System Manuals, Drawings, and Records

Table 4 lists the manuals, drawings, and records that will be transferred with the system.

TABLE 4
Manuals, Drawings, and Records
Water Distribution System Cheyenne MAP (ANG)

Qty	Description	Remarks
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Qty	Description	Remarks
1	Water Utility System Maps (electronic copy)	AutoCAD Release Version 2000

J9.3 Specific Service Requirements

The service requirements for the Cheyenne MAP (ANG) water distribution system are as defined in the Section C, Description/Specifications/Work Statement.

J9.4 Current Service Arrangement

Current Provider: City of Cheyenne Board of Public Utilities

Average Annual Usage (2000): 3,669 KGal

Maximum Monthly Use (Jun): 668 KGal

Minimum Monthly Use (Oct): 84 KGal

J9.5 Secondary Metering

J9.5.1 Existing Secondary Meters

Table 5 provides a listing of the existing (at the time of contract award) secondary meters that will be transferred to the Contractor. The Contractor shall provide meter readings for all secondary meters IAW Paragraph C.3 and J9.6 below.

TABLE 5
Existing Secondary Meters
Water Distribution System Cheyenne MAP (ANG)

Meter Location	Meter Description (Type)
None. All meters are owned by utility provider.	

J9.5.2 Required New Secondary Meters

The Contractor shall install and calibrate new secondary meters as listed in Table 6. New secondary meters shall be installed IAW Paragraph C.13 Transition Plan. After installation, the Contractor shall maintain and read these meters IAW Paragraphs C.3 and J9.6 below.

TABLE 6
New Secondary Meters
Water Distribution System Cheyenne MAP (ANG)

Meter Location	Meter Description
None	

J9.6 Monthly Submittals

The Contractor shall provide the Government monthly submittals for the following:

1. Invoice (IAW paragraph G.2). The Contractor’s monthly invoice shall be presented in a format proposed by the Contractor and accepted by the Contracting Officer. Invoices shall be submitted by the 25th of each month for the previous month. Invoices shall be submitted to the person identified at time of contract award.
2. Outage Report. The Contractor’s monthly outage report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Outage reports shall be submitted by the 25th of each month for the previous month. Outage reports shall be submitted to the person identified at time of contract award.
3. Meter Reading Report. The monthly meter reading report shall show the current and previous month readings for all identified secondary meters (if any). The Contractor’s monthly meter reading report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Meter reading reports shall be submitted by the 15th of each month for the previous month. Meter reading reports shall be submitted to the person identified at time of contract award.

J9.7 Water Conservation Projects

IAW Paragraph C.3 Utility Service Requirement, the following projects have been implemented by the Government for conservation purposes: None.

J9.8 Service Area

IAW Paragraph C.4 Service Area, the service area is defined as all areas within the Cheyenne MAP (ANG) boundaries.

J9.9 Off-Installation Sites

No off-installation sites are included in the sale of the Cheyenne MAP (ANG) water distribution system.

J9.10 Specific Transition Requirements

IAW Paragraph C.13 Transition Plan, **Table 7** provides a listing of service connections and disconnections required upon transfer.

TABLE 7
Service Connections and Disconnections
Water Distribution System Cheyenne MAP (ANG)

Location	Description
None	

J9.11 Government Recognized System Deficiencies

Table 8 provides a listing of system improvements that the Government has planned. The Government recognizes these improvement projects as representing current deficiencies associated with the Cheyenne MAP (ANG) water distribution system. If the utility system is sold, the Government will not accomplish these planned improvements. The Contractor shall make a determination as to its actual need to accomplish and the timing of any and all such planned improvements. Capital upgrade projects shall be proposed through the Capital Upgrades and Renewals and Replacements Plan process and will be recovered through Schedule L-3. Renewal and replacement projects will be recovered through Sub-CLIN AB.

TABLE 8
System Deficiencies
Water Distribution System Cheyenne MAP (ANG)

Project Location	Project Description
None	